

1. A method for determining speech fluency, the method comprising:
obtaining one or more speech samples from an individual;
dynamically analyzing temporality in the speech samples; and
determining a speech fluency of the individual based on the dynamic analysis.

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2. A method as recited in claim 1, wherein the temporality comprise a total amount of time of silence.

3. A method as recited in claim 1, wherein the temporality comprise an average
10 length of silent pause.

4. A method as recited in claim 1, wherein the one temporality comprise a total number of runs of speech between pauses.

- 15 5. A method as recited in claim 1, wherein the temporality comprise a total amount of time of speech.

6. A method as recited in claim 1, wherein the temporality comprise an average length of run of speech.

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7. A method as recited in claim 1, wherein the step for obtaining one or more speech samples comprises a step for recording the one or more speech samples in an electronic format.

8. A method as recited in claim 7, wherein the electronic format is a .wav format.

9. A method as recited in claim 1, wherein the step for dynamically analyzing temporality in the speech samples comprises a step for using a computer device to perform at least a portion of the dynamic analysis.

10. A method as recited in claim 9, wherein the step for dynamically analyzing temporality in the speech samples includes a step for measuring temporal variables in the speech samples.

11. A method as recited in claim 10, wherein the temporal variables are measured instantaneously.

12. A method as recited in claim 1, wherein the step for determining a speech fluency comprises steps for :

determining a fluency score for the individual based on the dynamic analysis;

and

comparing the fluency score with an established fluency range.

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13. A computer program product for implementing within a computer system a method for determining speech fluency, the computer program product comprising:

a computer readable medium for providing computer program code means utilized to implement the method, wherein the computer program code means is comprised of executable code for implementing the steps for:

receiving one or more speech samples of an individual; and
dynamically analyzing temporality in the speech samples.

14. A computer program product as recited in claim 13, further comprising a step for determining a speech fluency of the individual based on the dynamic analysis.

15. A computer program product as recited in claim 13, wherein the temporality comprises a total amount of time of silence.

16. A computer program product as recited in claim 13, wherein the temporality comprises an average length of silent pause.

17. A computer program product as recited in claim 13, wherein the temporality comprises a total number of runs of speech between pauses.

18. A computer program product as recited in claim 13, wherein the temporality comprises a total amount of time of speech.

19. A computer program product as recited in claim 13, wherein the temporality comprises an average length of run of speech.

20. A computer program product as recited in claim 13, wherein the step for
5 receiving one or more speech samples comprises a step for recording the one or more speech samples in an electronic format.

21. A computer program product as recited in claim 20, wherein the electronic format is a .wav format.

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22. A computer program product as recited in claim 13, wherein the step for dynamically analyzing temporality in the speech samples includes a step for electronically measuring temporal variables in the speech samples.

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23. A computer program product as recited in claim 22, wherein the temporal variables are measured instantaneously.

24. A computer program product as recited in claim 13, wherein the computer program code means is further comprised of executable code for implementing a step for
20 determining a fluency score for the individual based on the dynamic analysis.

25. A computer program product as recited in claim 24, wherein the computer program code means is further comprised of executable code for implementing a step for comparing the fluency score with an established fluency range.